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                GenCore version 5.1.4_p5_4578
            Copyright (c) 1993 - 2003  Compugen Ltd.

OM protein - protein search, using sw model

Run on:      May 19, 2003, 16:48:18 ; Search time 32.861 Seconds
                                       (without alignments)
                                       1056.640 Million cell updates/sec

Title:           US-09-625-573-4
Perfect score:   1900
Sequence:        1 MLSTSRSRFIRNTNESGEEV.........DGVTSTNTPSTGEQEVSAGL 360

Scoring table:   BLOSUM62
                 Gapop 10.0 , Gapext 0.5

Searched:        362588 seqs, 96450795 residues

Total number of hits satisfying chosen parameters:          362588

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 45 summaries

Database :       Published_Applications_AA:*

           1: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep:*
           2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*
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           4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep:*
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          14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Query Length	DB	ID	Description
1	1900	100.0	360	10	US-09-131-827A-2	Sequence 2, Appli
2	1899	99.9	360	10	US-09-131-827A-20	Sequence 20, Appl
3	1873	98.6	360	10	US-09-938-719-7	Sequence 7, Appli
4	1873	98.6	360	10	US-09-939-226-7	Sequence 7, Appli
5	1873	98.6	360	10	US-09-938-703-7	Sequence 7, Appli
6	1838	96.7	347	10	US-09-104-792-3	Sequence 3, Appli
7	1568.5	82.6	344	9	US-10-232-686-9	Sequence 9, Appli
8	1568.5	82.6	344	10	US-09-779-879A-9	Sequence 9, Appli
9	1568.5	82.6	344	10	US-09-779-880A-9	Sequence 9, Appl
10	1473	77.5	329	10	US-09-725-285-9	Sequence 9, Appli
11	1473	77.5	329	10	US-09-195-662A-9	Sequence 9, Appli
12	1473	77.5	329	10	US-09-339-912A-9	Sequence 9, Appli
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14	1364	71.8	352	10	US-09-759-841-2	Sequence 2, Appli
15	1364	71.8	352	10	US-09-813-653-15	Sequence 15, Appl
16	1364	71.8	352	10	US-09-796-202-1	Sequence 1, Appli
17	1364	71.8	352	10	US-09-938-719-5	Sequence 5, Appli
18	1364	71.8	352	10	US-09-939-226-5	Sequence 5, Appli
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20	1364	71.8	352	12	US-10-106-623-2	Sequence 2, Appli
21	1364	71.8	352	12	US-10-106-623-20	Sequence 20, Appl
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33	1036	54.5	355	10	US-09-960-547-1	Sequence 1, Appli
34	1008	53.1	355	10	US-09-938-719-9	Sequence 9, Appli
35	1008	53.1	355	10	US-09-939-226-9	Sequence 9, Appli
36	1008	53.1	355	10	US-09-938-703-9	Sequence 9, Appli
37	947	50.1	355	10	US-09-931-381A-16	Sequence 16, Appl
38	947	49.8	355	9	US-09-922-895-1	Sequence 1, Appli
39	947	49.8	355	12	US-10-106-623-4	Sequence 4, Appli
40	919.5	48.4	332	9	US-10-001-835-140	Sequence 140, App
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42	917	48.3	355	10	US-09-939-226-8	Sequence 8, Appli
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44	862.5	45.4	360	10	US-10-120-394-20	Sequence 20, Appl
45	862.5	45.4	360	9	US-09-764-413-20	Sequence 20, Appl

ALIGNMENTS

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RESULT 1
US-09-131-827A-2
; Sequence 2, Application US/09131827A
; Patent No. US20020038469A1
; GENERAL INFORMATION:
;   APPLICANT:  Dean, Michael
;   APPLICANT:  O'Brien, Stephen J.
;   APPLICANT:  Smith, Michael
;   APPLICANT:  Carrington, Mary
;   TITLE OF INVENTION:  DELAYED PROGRESSION TO AIDS BY A
;   TITLE OF INVENTION:  MISSENSE ALLELE OF THE CCR2 GENE
;   FILE REFERENCE:  14014.0333
;   CURRENT APPLICATION NUMBER:  US/09/131,827A
;   CURRENT FILING DATE:  1998-08-10
;   PRIOR APPLICATION NUMBER:  60/055,659
;   PRIOR FILING DATE:  1997-08-14
;   NUMBER OF SEQ ID NOS:  20
;   SOFTWARE:  FastSEQ for Windows Version 4.0
; SEQ ID NO 2
;   LENGTH: 360
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-131-827A-2

Query Match             100.0%;  Score 1900;  DB 10;  Length 360;
  Best Local Similarity   100.0%;  Pred. No. 2.8e-163;
  Matches  360;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

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TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
                    AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
    ADDRESSEE: Knobbe, Martens, Olson & Bear
    STREET: 620 Newport Center Drive 16th Floor
    CITY: Newport Beach
    STATE: CA
    COUNTRY: U.S.A.
    ZIP: 92660
COMPUTER READABLE FORM:
    MEDIUM TYPE: Floppy disk
    COMPUTER: IBM PC compatible
    OPERATING SYSTEM: PC-DOS/MS-DOS
    SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
    APPLICATION NUMBER: US/09/938,719
    FILING DATE: 24-Aug-2001
    CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
    APPLICATION NUMBER: 09/626,939
    FILING DATE: 27-JULY-2000
ATTORNEY/AGENT INFORMATION:
    NAME: Altman, Daniel E
    REGISTRATION NUMBER: 34,115
    REFERENCE/DOCKET NUMBER: <Unknown>
INFORMATION FOR SEQ ID NO: 7:
    SEQUENCE CHARACTERISTICS:
        LENGTH: 360 amino acids
        TYPE: amino acid
        STRANDEDNESS: single
        TOPOLOGY: linear
    MOLECULE TYPE: NO. US20020106742A1e
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US-09-938-719-7

Query Match   98.6%;   Score 1873;   DB 10;   Length 360;
Best Local Similarity 98.3%;   Pred. No. 7.6e-161;
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RESULT 4
US-09-939-226-7
; Sequence 7, Application US/09939226
; Patent No. US20020110805A1
; GENERAL INFORMATION:
;   APPLICANT: SAMSON, MICHEL
;   PARMENTIER, MARC
;   VASSART, GILBERT

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RESULT 2
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; Sequence 20, Application US/09131827A
; Patent No. US20020038469A1
; GENERAL INFORMATION:
;   APPLICANT: Dean, Michael
;   APPLICANT: O'Brien, Stephen J.
;   APPLICANT: Smith, Michael
;   APPLICANT: Carrington, Mary
;   TITLE OF INVENTION: DELAYED PROGRESSION TO AIDS BY A
;   TITLE OF INVENTION: MISSENSE ALLELE OF THE CCR2 GENE
;   FILE REFERENCE: 14014.0333
;   CURRENT APPLICATION NUMBER: US/09/131,827A
;   CURRENT FILING DATE: 1998-08-10
;   PRIOR APPLICATION NUMBER: 60/055,659
;   PRIOR FILING DATE: 1997-08-14
;   SOFTWARE: FastSEQ for Windows Version 4.0
;   NUMBER OF SEQ ID NOS: 20
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;   LENGTH: 360
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;   ORGANISM: Homo sapiens
US-09-131-827A-20

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RESULT 3
US-09-938-719-7
; Patent No. US20020106742A1
; Sequence 7, Application US/09938719
; GENERAL INFORMATION:
;   APPLICANT: SAMSON, MICHEL
;   PARMENTIER, MARC
;   VASSART, GILBERT
;   LIBERT, FREDERICK

VASSART, GILBERT
LIBERT, FREDERICK
TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/938,703
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/626,939
FILING DATE: 2000-07-27
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: <Unknown>
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 360 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: No. US20020110870A1e
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-938-703-7

Query Match   98.6%; Score 1873; DB 10; Length 360;
Best Local Similarity 98.3%; Pred. No. 7.6e-161;
Matches 354; Conservative   2; Mismatches   4; Indels   0; Gaps   0;

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Qy 181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240
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Db 181 CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR 240

Qy 241 AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI 300
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Qy 301 NPIIYAFVGEKFRRYLSVFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 360
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RESULT 6
US-09-104-792-3
; Sequence 3, Application US/09104792
; Patent No. US2002019026A1
; GENERAL INFORMATION:
APPLICANT: Soppet, Daniel R.

LIBERT, FREDERICK
TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: U.S.A.
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/939,226
FILING DATE: 24-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/626,939
FILING DATE: 2000-07-27
ATTORNEY/AGENT INFORMATION:
NAME: Altman, Daniel E
REGISTRATION NUMBER: 34,115
REFERENCE/DOCKET NUMBER: <Unknown>
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 360 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: No. US2002010805A1e
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-939-226-7

Query Match   98.6%; Score 1873; DB 10; Length 360;
Best Local Similarity 98.3%; Pred. No. 7.6e-161;
Matches 354; Conservative   2; Mismatches   4; Indels   0; Gaps   0;

Qy   1 MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFPDVKQIGAQLLPPLYSLVFIFGFVGN 60
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RESULT 5
US-09-938-703-7
; Sequence 7, Application US/09938703
; Patent No. US2002011087A1
; GENERAL INFORMATION:
APPLICANT: SAMSON, MICHEL
PARMENTIER, MARC

```
; APPLICANT: Yi, Li
; APPLICANT: Ruben, Steven M.
; APPLICANT: Rosen, Craig A.
; TITLE OF INVENTION: HUMAN G-PROTEIN RECEPTOR HGBER32
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
;   ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN, CECCHI,
;   ADDRESSEE: STUART & OLSTEIN
;   STREET: 6 Becker Farm Road
;   CITY: Roseland
;   STATE: New Jersey
;   COUNTRY: USA
;   ZIP: 07068
; COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/09/104,792
;   FILING DATE:
;   CLASSIFICATION:
; PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US/08/461,244
;   FILING DATE: 05-JUN-1995
; ATTORNEY/AGENT INFORMATION:
;   NAME: Ferraro, Gregory D.
;   REGISTRATION NUMBER: 36,134
;   REFERENCE/DOCKET NUMBER: 325800-445
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 201-994-1700
;   TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 3:
;   SEQUENCE CHARACTERISTICS:
;   LENGTH: 347 amino acids
;   TYPE: amino acid
;   STRANDEDNESS:
;   TOPOLOGY: linear
;   MOLECULE TYPE: protein
US-09-104-792-3

Query Match             96.7%;  Score 1838;  DB 10;  Length 347;
Best Local Similarity  100.0%;  Pred. No. 1e-157;
Matches  347;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy    14 NESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILINCKKL 73
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Qy    74 KCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIIL 133
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Db    61 KCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIIL 120

Qy   134 LTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVVVCGPY 193
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   121 LTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVVVCGPY 180

Qy   194 FPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYF 253
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   181 FPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYF 240

Qy   254 LFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFR 313
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   241 LFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFR 300

Qy   314 RYLSVFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 360
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Db   301 RYLSVFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 347

RESULT 7
US-10-232-686-9
; Sequence 9, Application US/10232686
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; Publication No. US20030023044A1
; GENERAL INFORMATION:
;   APPLICANT: Li, Yi
;   APPLICANT: Ruben, Steven M.
;   TITLE OF INVENTION: Human G-Protein Chemokine Receptor (CCR5) HDGNR10
;   FILE REFERENCE: 1488.115000N
;   CURRENT APPLICATION NUMBER: US/10/232,686
;   CURRENT FILING DATE: 2002-09-03
;   PRIOR APPLICATION NUMBER: 09/339,912
;   PRIOR FILING DATE: 1999-06-25
;   PRIOR APPLICATION NUMBER: 09/195,662
;   PRIOR FILING DATE: 1998-11-18
;   PRIOR APPLICATION NUMBER: 08/466,343
;   PRIOR FILING DATE: 1995-06-06
;   NUMBER OF SEQ ID NOS: 9
;   SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9
;   LENGTH: 344
;   TYPE: PRT
;   ORGANISM: Homo Sapiens
US-10-232-686-9

Query Match             82.6%;  Score 1568.5;  DB 9;  Length 344;
Best Local Similarity   95.3%;  Pred. No. 1.9e-133;
Matches  302;  Conservative    3;  Mismatches    5;  Indels    7;  Gaps    3;

Qy    18 EEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILINCKKLKCLT 77
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Db     1 EEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILINCKKLKCLT 60

Qy    78 DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFILLTID 137
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    61 DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFILLTID 120

Qy   138 RYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVYVCGPYFPRG 197
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   121 RYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVYVCGPYFPRG 180

Qy   198 WNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYFLFWT 257
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Db   181 WNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYFLFWT 240

Qy   258 PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFRRYLS 317
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Db   241 PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFR---S 297

Qy   318 VFFRKHITKRFCKQCPV 334
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Db   298 LF---HIALG-CRIAPL 310

RESULT 8
US-09-779-879-9
; Sequence 9, Application US/09779879A
; Patent No. US2002004786A1
; GENERAL INFORMATION:
;   APPLICANT: Rosen, Craig A.
;   APPLICANT: Roschke, Viktor
;   APPLICANT: Li, Yi
;   APPLICANT: Ruben, Steven, M.
;   TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGNR10
;   FILE REFERENCE: 1488.115000A
;   CURRENT APPLICATION NUMBER: US/09/779,879A
;   CURRENT FILING DATE: 2001-02-09
;   PRIOR APPLICATION NUMBER: US 60/181,258
;   PRIOR FILING DATE: 2000-02-09
;   PRIOR APPLICATION NUMBER: US 60/187,999
;   PRIOR FILING DATE: 2000-03-09
;   PRIOR APPLICATION NUMBER: US 60/234,336
;   PRIOR FILING DATE: 2000-09-22
;   NUMBER OF SEQ ID NOS: 58
;   SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9
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;   LENGTH: 344
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-779-879A-9

Query Match    82.6%;   Score 1568.5;  DB 10;  Length 344;
Best Local Similarity   95.3%;   Pred. No. 1.9e-133;
Matches  302;  Conservative   3;  Mismatches   5;  Indels   7;  Gaps   3;

Qy    18  EEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILINCKKLKCLT   77
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     1  EEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILINCKKLKCLT   60

Qy    78  DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTID  137
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Db    61  DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTID  120

Qy   138  RYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVVCGPYFPRG  197
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Db   121  RYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVVCGPYFPRG  180

Qy   198  WNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYFLFWT  257
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Db   181  WNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYFLFWT  240

Qy   258  PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFRRYLS  317
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   241  PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFR--S  297

Qy   318  VFFRKHITKRFCKQCPV  334
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Db   298  LF--HIALG-CRIAPL  310
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RESULT 9
US-09-779-880A-9

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;   Sequence 9, Application US/09779880A
;   Patent No. US20020061834A1
;   GENERAL INFORMATION:
;   APPLICANT: Rosen, Craig A.
;   APPLICANT: Roschke, Viktor
;   APPLICANT: Li, Yi
;   APPLICANT: Ruben, Steven, M.
;   TITLE OF INVENTION: Human G-protein Chemokine Receptor (CCR5) HDGNR10
;   FILE REFERENCE: 1488.115000C
;   CURRENT APPLICATION NUMBER: US/09/779,880A
;   CURRENT FILING DATE: 2001-02-09
;   PRIOR APPLICATION NUMBER: US 60/181,258
;   PRIOR FILING DATE: 2000-02-09
;   PRIOR APPLICATION NUMBER: US 60/187,999
;   PRIOR FILING DATE: 2000-03-09
;   PRIOR APPLICATION NUMBER: US 60/234,336
;   PRIOR FILING DATE: 2000-09-22
;   NUMBER OF SEQ ID NOS: 58
;   SOFTWARE: PatentIn version 3.0
;
;   SEQ ID NO 9
;   LENGTH: 344
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-779-880A-9

Query Match    82.6%;   Score 1568.5;  DB 10;  Length 344;
Best Local Similarity   95.3%;   Pred. No. 1.9e-133;
Matches  302;  Conservative   3;  Mismatches   5;  Indels   7;  Gaps   3;

Qy    18  EEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILINCKKLKCLT   77
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Db     1  EEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILINCKKLKCLT   60

Qy    78  DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTID  137
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Db    61  DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTID  120

Qy   138  RYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVVCGPYFPRG  197
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Db   121  RYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVVCGPYFPRG  180

Qy   198  WNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYFLFWT  257
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Db   241  PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFR--S  297

Qy   318  VFFRKHITKRFCKQCPV  334
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Db   298  LF--HIALG-CRIAPL  310
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RESULT 10
US-09-725-285-9

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;   Sequence 9, Application US/09725285
;   Patent No. US20010000241A1
;   GENERAL INFORMATION:
;   APPLICANT: Li, Yi
;   APPLICANT: Ruben, Steven, M.
;   TITLE OF INVENTION:   Antibodies to Human G-Protein Chemokine Receptor HDGNR10
;   TITLE OF INVENTION:   (CCR5 Receptor)
;   FILE REFERENCE:   1488.1150003
;   CURRENT APPLICATION NUMBER: US/09/725,285
;   CURRENT FILING DATE: 2000-11-29
;   PRIOR APPLICATION NUMBER: 09/339,912
;   PRIOR FILING DATE: 1999-06-25
;   PRIOR APPLICATION NUMBER: 09/195,662
;   PRIOR FILING DATE: 1998-11-18
;   PRIOR APPLICATION NUMBER: 08/466,343
;   PRIOR FILING DATE: 1995-06-06
;   NUMBER OF SEQ ID NOS: 9
;   SOFTWARE: PatentIn version 3.0
;   SEQ ID NO 9
;   LENGTH: 329
;   TYPE: PRT
;   ORGANISM: Protein
US-09-725-285-9

Query Match    77.5%;   Score 1473;  DB 10;  Length 329;
Best Local Similarity   90.5%;   Pred. No. 7e-125;
Matches  287;  Conservative   3;  Mismatches   5;  Indels   22;  Gaps   4;

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Db   166  WNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYFLFWT  225

Qy   258  PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFRRYLS  317
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Db   226  PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFR--S  282

Qy   318  VFFRKHITKRFCKQCPV  334
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Db   283  LF--HIALG-CRIAPL  295
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RESULT 11

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US-09-195-662A-9
; Sequence 9, Application US/09195662A
; Patent No. US2002076745A1
; GENERAL INFORMATION:
;   APPLICANT: Li, Yi
;   APPLICANT:  Ruben, Steven, M.
;   TITLE OF INVENTION:  Human G-Protein Chemokine Receptor HDGNR10 (CCR5 Receptor)
;   FILE REFERENCE:  1488.1150002
;   CURRENT APPLICATION NUMBER: US/09/195,662A
;   CURRENT FILING DATE:  1998-11-18
;   PRIOR APPLICATION NUMBER:  08/466,343
;   PRIOR FILING DATE:  1995-06-06
;   NUMBER OF SEQ ID NOS:  9
;   SOFTWARE:  PatentIn version 3.0
; SEQ ID NO 9
;   LENGTH: 329
;   TYPE: PRT
;   ORGANISM: Protein
US-09-195-662A-9

Query Match                      77.5%;   Score 1473;   DB 10;   Length 329;
Best Local Similarity            90.5%;   Pred. No. 7e-125;
Matches  287;   Conservative    3;   Mismatches    3;   Indels    22;   Gaps    4;

Qy   18  EEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILINCKKLKCLT   77
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Db    1  EEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILINCKKLKCLT   60

Qy   78  DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFILLTID  137
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Db   61  DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHI-------------  105

Qy  138  RYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVYVCGPYFPRG  197
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Db  106  RYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVYVCGPYFPRG  165

Qy  198  WNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYFLFWT  257
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Qy  258  PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFRRYLS  317
             |||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  226  PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFR---S  282

Qy  318  VFFRKHITKRFCKQCPV  334
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Db  283  LF---HIALG-CRIAPL  295
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RESULT 12
US-09-339-912A-9
; Sequence 9, Application US/09339912A
; Patent No. US2002099176A1
; GENERAL INFORMATION:
;   APPLICANT: Li, Yi
;   APPLICANT:  Ruben, Steven, M.
;   TITLE OF INVENTION:  Antibodies to Human G-Protein Chemokine Receptor HDGNR10
;   TITLE OF INVENTION:  (CCR5 Receptor)
;   FILE REFERENCE:  1488.1150003
;   CURRENT APPLICATION NUMBER: US/09/339,912A
;   CURRENT FILING DATE:  1999-06-25
;   PRIOR APPLICATION NUMBER:  09/195,662
;   PRIOR FILING DATE:  1998-11-18
;   PRIOR APPLICATION NUMBER:  08/466,343
;   PRIOR FILING DATE:  1995-06-06
;   NUMBER OF SEQ ID NOS:  9
;   SOFTWARE:  PatentIn version 3.0
; SEQ ID NO 9
;   LENGTH: 329
;   TYPE: PRT
;   ORGANISM: Protein
US-09-339-912A-9
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Query Match                      77.5%;   Score 1473;   DB 10;   Length 329;
Best Local Similarity            90.5%;   Pred. No. 7e-125;
Matches  287;   Conservative    3;   Mismatches    3;   Indels    22;   Gaps    4;

Qy   18  EEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILINCKKLKCLT   77
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1  EEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILINCKKLKCLT   60

Qy   78  DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFILLTID  137
             ||||||||||||||||||||||||||||||||||||||||||||
Db   61  DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHI-------------  105

Qy  138  RYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVYVCGPYFPRG  197
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  106  RYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVYVCGPYFPRG  165

Qy  198  WNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYFLFWT  257
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  166  WNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYFLFWT  225

Qy  258  PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFRRYLS  317
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Db  226  PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFR---S  282

Qy  318  VFFRKHITKRFCKQCPV  334
             :|  ||   |: |:
Db  283  LF---HIALG-CRIAPL  295
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RESULT 13
US-09-502-783A-9
; Sequence 9, Application US/09502783A
; Patent No. US20020132269A1
; GENERAL INFORMATION:
;   APPLICANT:  Li, Yi
;   APPLICANT:  Ruben, Steven M.
;   TITLE OF INVENTION:  Polynucleotides Encoding Human G-Protein Chemokine Receptor (C
;   TITLE OF INVENTION:  HDGNR10
;   FILE REFERENCE:  1488.1150006
;   CURRENT APPLICATION NUMBER: US/09/502,783A
;   CURRENT FILING DATE:  2001-08-23
;   PRIOR APPLICATION NUMBER:  08/466,343
;   PRIOR FILING DATE:  1995-06-06
;   NUMBER OF SEQ ID NOS:  9
;   SOFTWARE:  PatentIn version 3.0
; SEQ ID NO 9
;   LENGTH: 329
;   TYPE: PRT
;   ORGANISM: Protein
US-09-502-783A-9
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Query Match                      77.5%;   Score 1473;   DB 10;   Length 329;
Best Local Similarity            90.5%;   Pred. No. 7e-125;
Matches  287;   Conservative    3;   Mismatches    3;   Indels    22;   Gaps    4;

Qy   18  EEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILINCKKLKCLT   77
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1  EEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLILINCKKLKCLT   60

Qy   78  DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFILLTID  137
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Db   61  DIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHI-------------  105

Qy  138  RYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVYVCGPYFPRG  197
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  106  RYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTKCQKEDSVYVCGPYFPRG  165

Qy  198  WNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYFLFWT  257
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db  166  WNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYFLFWT  225

Qy  258  PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFRRYLS  317
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Qy  258  ... |
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Db   226 PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFR---S 282
Qy   318 VFFRKHITKRFCKQCPV 334
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Db   283 LF--HIALG-CRIAPL 295

RESULT 14
US-09-759-841-2
; Sequence 2, Application US/09759841
; Patent No. US2001003902A1
; GENERAL INFORMATION:
;   APPLICANT: Rickett, Graham A
;   APPLICANT: Dobbs, Susan
;   APPLICANT: Perros, Manoussos
;   TITLE OF INVENTION: Assay Method
;   FILE REFERENCE: PC10348APME
;   CURRENT APPLICATION NUMBER: US/09/759,841
;   CURRENT FILING DATE: 2001-01-12
;   PRIOR APPLICATION NUMBER: GB 0000661.9
;   PRIOR FILING DATE: 2000-01-12
;   PRIOR APPLICATION NUMBER: GB 0000663.5
;   PRIOR FILING DATE: 2000-01-12
;   PRIOR APPLICATION NUMBER: GB 0000659.3
;   PRIOR FILING DATE: 2000-01-12
;   NUMBER OF SEQ ID NOS: 6
;   SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
;   LENGTH: 352
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-759-841-2

Query Match   71.8%;   Score 1364; DB 10;   Length 352;
Best Local Similarity 75.5%;   Pred. No. 4.9e-115;
Matches   259;   Conservative   32;   Mismatches   46;   Indels   6;   Gaps   2;

Qy   24 FDYDY--GAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLLINCKKLKCLTDIYL 81
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Db   10 YDINYYTSEPCQKINVKQIAARLLPPLYSLVFIFGFVGNMLVILLINCKRLKSMTDIYL 69

Qy   82 LNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTIDRYLA 141
         |||||| |::: ||| ||:: |||| || ||| ||:|| :| ||||| ||||||||||||
Db   70 LNLAISDLFFLLTVPFWAHYAAAQWDFGNTMCQLLTGLYFIGFFSGIFFIILLTIDRYLA 129

Qy   142 IVHAVFALKARTVTFGVVTSVITWLVAFASVPGIIFTKCQKEDSVYVCGPYFP---RG 197
         :|||||||||||||||||||:||||||||||:|||||| ::|| :| | :
Db   130 VVHAVFALKARTVTFGVVTSVITWVAVFASLPGIIFTRSQKEGLHYTCSSHFPYSQYQF 189

Qy   198 WNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYFLFWT 257
         : |:||||||:|||||||||||:|||||||||||||||:|||||||||||||| : ||
Db   190 WKNFQTLKIVILGLVLPLLVMVICYSGILKTLLRCRNEKKRHRAVRLIFTIMIVYFLFWA 249

Qy   258 PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFRRYLS 317
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Db   250 PYNIVLLNTFQEFFGLNNCSSSNRLDQAMQVTETLGMTHCCINPIIYAFVGEKFRNYLL 309

Qy   318 VFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 360
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Db   310 VFFQKHIAKRFCKCCSIFQQEAPERASSVYTRSTGEQEISVGL 352

RESULT 15
US-09-813-653-15
; Sequence 15, Application US/09813653
; Patent NO. US20020064770A1
; GENERAL INFORMATION:
;   APPLICANT: Nestor, John
;   APPLICANT: Wilson, Carol
;   APPLICANT: See, Raymond
;   APPLICANT: Tan Hehir, Christina
;   TITLE OF INVENTION: Binding Compounds and Methods For Identifying Binding Compounds
;   FILE REFERENCE: CNS-005
;   CURRENT APPLICATION NUMBER: US/09/813,653
;   CURRENT FILING DATE: 2001-03-20
;   PRIOR APPLICATION NUMBER: US 60/190,946
;   PRIOR FILING DATE: 2000-03-21
;   PRIOR APPLICATION NUMBER: US 60/190,996
;   PRIOR FILING DATE: 2000-03-21
;   PRIOR APPLICATION NUMBER: US 60/191,299
;   PRIOR FILING DATE: 2000-03-21
;   NUMBER OF SEQ ID NOS: 44
;   SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
;   LENGTH: 352
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-813-653-15

Query Match   71.8%;   Score 1364; DB 10;   Length 352;
Best Local Similarity 75.5%;   Pred. No. 4.9e-115;
Matches   259;   Conservative   32;   Mismatches   46;   Indels   6;   Gaps   2;

Qy   24 FDYDY--GAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGNMLVVLLINCKKLKCLTDIYL 81
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Db   10 YDINYYTSEPCQKINVKQIAARLLPPLYSLVFIFGFVGNMLVILLINCKRLKSMTDIYL 69

Qy   82 LNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLYHIGYFGGIFFIILLTIDRYLA 141
         |||||| |::: ||| ||:: |||| || ||| ||:|| :| ||||| ||||||||||||
Db   70 LNLAISDLFFLLTVPFWAHYAAAQWDFGNTMCQLLTGLYFIGFFSGIFFIILLTIDRYLA 129

Qy   142 IVHAVFALKARTVTFGVVTSVITWLVAFASVPGIIFTKCQKEDSVYVCGPYFP---RG 197
         :|||||||||||||||||||:||||||||||:|||||| ::|| :| | :
Db   130 VVHAVFALKARTVTFGVVTSVITWVAVFASLPGIIFTRSQKEGLHYTCSSHFPYSQYQF 189

Qy   198 WNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHRAVRVIFTIMIVYFLFWT 257
         : |:||||||:|||||||||||:|||||||||||||||:|||||||||||||| : ||
Db   190 WKNFQTLKIVILGLVLPLLVMVICYSGILKTLLRCRNEKKRHRAVRLIFTIMIVYFLFWA 249

Qy   258 PYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCINPIIYAFVGEKFRRYLS 317
         ||||| ||||||||||| ::::||||||||||||||||||||||||||||||||| ||
Db   250 PYNIVLLNTFQEFFGLNNCSSSNRLDQAMQVTETLGMTHCCINPIIYAFVGEKFRNYLL 309

Qy   318 VFFRKHITKRFCKQCPVFYRETVDGVTSTNTPSTGEQEVSAGL 360
         |||::|| ||||| | :|: :||| ||:: |::| ::|:| ||
Db   310 VFFQKHIAKRFCKCCSIFQQEAPERASSVYTRSTGEQEISVGL 352

Search completed: May 19, 2003, 17:01:08
Job time : 33.861 secs